

**CBI SUBSTANTIATION*****For PMNs, SNUNs, TMEAs, LVEs, and LOREXs filings***Use of this form is recommended, but not required.**This Document Contains CBI:** Yes ☒ NO ☐**Technical Contact:** [REDACTED]**Technical Contact Phone Number:** [REDACTED]**Submission number (if known):** I5C3RN**Submitting Company Name:** [REDACTED]**Information element(s) claimed as CBI:** Please identify the information element(s) that you are substantiating from the list below.

*You are responsible for substantiating each information element claimed as CBI (unless that item is exempt from the substantiation requirement—see endnote 1). Any information element that is not specifically identified as subject to a confidentiality claim and substantiated as such in your response to this letter, it shall be determined that you have waived your CBI claim. If a single substantiation response applies for all information claimed as CBI, you should indicate this in your substantiation response. If different substantiation responses are necessary to support CBI claims for different information types, you should provide separate substantiation responses for each information type, clearly identifying the information for which each substantiation applies in the free text boxes (e.g. Question B) or in the additional information box at the end of this form.*

<input checked="" type="checkbox"/> Signature and Date of Authorized Official (Page 2)	<input checked="" type="checkbox"/> Production Volume (Part I Section C.1)*
<input type="checkbox"/> Signature and Date of Agent (Page 2)	<input checked="" type="checkbox"/> Category of Use (Part I Section C.2.a.1)*
<input checked="" type="checkbox"/> Person Submitting Notice (Part I Section A.1.a)	<input type="checkbox"/> Use Production (Part I Section C.2.a.4)*
<input type="checkbox"/> Agent (Part I Section A.1.b)	<input type="checkbox"/> % in Formulation (Part I Section C.2.a.6)*
<input type="checkbox"/> Joint Submitter (Part I Section A.1.c)	<input type="checkbox"/> % of Substance Expected Per Use (Part I Section C.2.a.8)*
<input checked="" type="checkbox"/> Technical Contact (Part I Section A.2)	<input type="checkbox"/> Site Identity (Part II Section A.1.a)
<input type="checkbox"/> Prenotice Communication (PC) (Part I Section A.3)	<input type="checkbox"/> Number of Sites (Part II Section A.1.a)
<input type="checkbox"/> Previously Submitted Exemption Application (Part I Section A.4)	<input type="checkbox"/> Site Operations (Part II Section A.1.b)
<input type="checkbox"/> Previously Submitted Bona Fide (Part I Section A.5)	<input type="checkbox"/> Amount and Duration (Part II Section A.1.c)*
<input type="checkbox"/> Chemical Class (Part I Section B.1.a)	<input type="checkbox"/> Process Description (Part II Section A.1.d)*
<input type="checkbox"/> Chemical Name (Part I Section B.1.b)**	<input type="checkbox"/> Worker Activity (Part II Section A.2.1)
<input type="checkbox"/> Molecular Formula (Part I Section B.1.d)**	<input type="checkbox"/> Physical Form(s) & % New Substance (Part II Section A.2.5)
<input type="checkbox"/> Chemical Structure Diagram for Class I (Part I Section B.1.e)**	<input type="checkbox"/> # of Workers Exposed (Part II Section A.2.8)
<input type="checkbox"/> Precursor Substances Class II (Part I Section B.1.e.1)*	<input type="checkbox"/> Maximum Duration (Part II Section A.2.10-11)
<input type="checkbox"/> Reaction or Process for Class II (Part I Section B.1.e.2)*	<input type="checkbox"/> Release Number and Amount of New Substance Released (Part II Section A.3.1-2)
<input type="checkbox"/> Range of Composition and Typical Composition for Class II (Part I Section B.1.e.3)*	<input type="checkbox"/> Medium of Release and Control Technology and Efficiency (Part II Section A.3.4-5)
<input type="checkbox"/> Polymer Information (Part I Section B.2.a)**	<input type="checkbox"/> Destinations of Releases to Water (Part II Section A.3.7)
<input type="checkbox"/> Monomer or Other Reactant Specific Chemical Name (Part I Section B.2.b.1)*	<input checked="" type="checkbox"/> Operation Description (Part II Section B.1)*

<input type="checkbox"/> Monomer or Other Reactant Specific Chemical Name Typical Composition / Include in Identity (Part I Section B.2.b.3-4)	<input checked="" type="checkbox"/> Letter of Activity and # of Workers Exposed (Part II Section B.2.1-2)
<input type="checkbox"/> Monomer or Other Reactant Specific Chemical Name Max Residual (Part I Section B.2.b.6)	<input checked="" type="checkbox"/> Duration of Exposure (Part II Section B.2.4)
<input type="checkbox"/> Current Chemical Abstracts (CA) Name and Number for Polymer (Part I Section B.2.d)**	<input checked="" type="checkbox"/> Protective Equipment/Engineering Controls/Physical Form/ % New Substance/% in Formulation (Part II Section B.2.6-7)
<input type="checkbox"/> Chemical Structure Diagram (Part I Section B.2.e)**	<input checked="" type="checkbox"/> Release Number and Amount of New Substance Released (Part II Section B.2.9-10)
<input type="checkbox"/> Impurities (Part I Section B.3)	<input checked="" type="checkbox"/> Media of Release & Control Technology (Part II Section B.2.12)
<input type="checkbox"/> Synonyms (Part I Section B.4)	<input type="checkbox"/> Byproducts (Part II Section B.2.14)
<input type="checkbox"/> Trade Identification (Part I Section B.5)	<input type="checkbox"/> Pollution Prevention Information (PMN page 11, form page 16)
<input type="checkbox"/> Byproducts (Part I Section B.7)	<input type="checkbox"/> Physical and Chemical Properties Worksheet (PMN page 13, Form page 18)***
<input type="checkbox"/> <b>Other information elements claimed as CBI</b> (Please list any other CBI claim or any TSCA Section 14(c)(2) assertion not listed above): <a href="#">Click or tap here to enter text.</a>	

<b>I. REQUIRED FOR ANY IDENTIFIED CBI CLAIM</b>	
<p>A. Do you believe that any information element claimed as CBI is exempt from substantiation pursuant to TSCA section 14(c)(2)<sup>1</sup>?</p> <p><i>If you answered yes, you must identify the specific information element(s), provide the specific exemption(s) and answer no further questions. For any information element that is not exempt, please respond to all of the questions below.</i></p> <p>If the Agency disagrees with this assertion, you may be asked to provide additional information to support your claim.  Product Volume Part I C.1 – 14(c)(2)(F)  Category of Use Part IC.2.a.1 -- 14(c)(2)(E)  Operation Description Part II B.1 -- 14(c)(2)(A)  Worker Activity and Substance Release Part II B.2.4, 2.6-7, 2.9-10, and 2.12 -- 14(c)(2)(A and E)  Use Description Attachment – 14(c)(2)(A and E)</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>B. Will disclosure of any information element claimed as CBI likely result in substantial harm to your business's competitive position?</p> <p><i>(If you answered yes, please describe with specificity the substantial harmful effects that would result to your competitive position if the CBI information element is made available to the public.)</i></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<p><i>If you are claiming multiple information elements, please make sure to provide information for EACH element you identified above. If a single substantiation response applies for all information claimed as CBI, you should indicate this in your substantiation response.</i></p>									
<p>Authorized Official, Person submitting (Part I A.1.a) and Technical Contact (I.A.2.).          Company and Site Information (Part I.A, Product SDS elements):          Disclosure of the fact that the Company is submitting this PMN, including information that one could trace back to the Company's identity (e.g., technical contacts, trade name of product and CAS Request ID), would cause substantial competitive harm because it would reveal the extent of the Company's research and development (R&amp;D) activities and plans to grow its market segment. Upon obtaining this information, a competitor could strategically increase its relative amount of R&amp;D activity to engage in competitive actions or decrease such activity to avoid duplicative actions, saving time and resources. While the amount of potential harm cannot be accurately quantified, the harm would be substantial because the extent of competitive R&amp;D activity is highly proprietary information and disclosure of such information would provide competitors with a commercial advantage that the Company would not have.</p>									
<p>C. To the extent your business has disclosed any information to others (both internally and externally), what precautions has your business taken? Please identify the measures or internal controls your business has taken to protect the information claimed as confidential.</p> <table border="0"> <tr> <td>1. Non-disclosure agreement required prior to access.</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>2. Access is limited to individuals with a need-to-know.</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>3. Information is physically secured (e.g. locked in room or cabinet) or electronically secured (encrypted, password protected, etc.).</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>4. Other internal control measure(s). <i>(If yes please explain below.)</i>            Click or tap here to enter text.</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> </table>		1. Non-disclosure agreement required prior to access.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Access is limited to individuals with a need-to-know.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3. Information is physically secured (e.g. locked in room or cabinet) or electronically secured (encrypted, password protected, etc.).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4. Other internal control measure(s). <i>(If yes please explain below.)</i> Click or tap here to enter text.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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<p>D. Does any of the information claimed as confidential appear in any public documents, including (but not limited to) safety data sheet, advertising or promotional material, professional or trade publication, or any other media or publications available to the general public?</p> <p style="text-align: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>(If you answered yes, please explain why the information should be treated as confidential.)</i></p> <p>Click or tap here to enter text.</p>									
<p>E. Does any of the information you are claiming as CBI contain (a) trade secret(s)<sup>2</sup>?</p> <p style="text-align: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>(If you answered yes, please explain the reason for your belief and attach copies of those pages containing such information with brackets around the text that you claim to be (a) trade secret(s).)</i></p>									
<p>This information is considered to be trade secret because disclosure would give competitors an advantage in knowing how to use the PMN substance without the necessity of specialized technical expertise and commensurate investment in R&amp;D. Disclosure would therefore reduce a competitor's time to market by a significant number of years, enhance its relative profitability, and undermine the Company's incentives to innovate and manufacture these products in the U.S. This answer applies to all types of information claimed CBI.</p>									
<p>F. If you assert a claim of confidentiality that is less than 10 years (see TSCA section 14(e)(1)(B)<sup>3</sup>), then please indicate the number of years (between 1-10 years) or specific date of which the claim is withdrawn<sup>4</sup>?</p>									

10 years	
<p>G. Has the EPA, another federal agency, or court made any confidentiality determination regarding information associated with this substance?</p> <p><i>(If you answered yes, please explain the outcome of that determination and provide a copy of the previous confidentiality determination or any other information that will assist in identifying the prior determination.)</i></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Click or tap here to enter text.	
<b>Additional comments:</b>	
Click or tap here to enter text.	

<b>II. REQUIRED ONLY FOR CHEMICAL IDENTITY CBI CLAIMS</b>	
<p>A. Are you claiming a specific chemical identity as CBI?</p> <p><i>(If you answered yes, please respond to questions below. If you answered no, please leave all questions below blank.)</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>B. Is the chemical substance (or mixture) on the confidential portion of TSCA Inventory?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
<p>C. Has the chemical substance (or mixture) been offered for commercial distribution?</p> <p><i>(If you answered yes, please explain why the information should be treated as confidential.)</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Click or tap here to enter text.	
<p>D. Is the chemical substance known to be in US commerce?</p> <p><i>(If you answered yes, please explain why the information should be treated as confidential.)</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Click or tap here to enter text.	
<p>E. Would disclosure of the specific chemical name release confidential process information?</p> <p><i>(If you answered yes, please explain what process information would be released.)</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Click or tap here to enter text.	
<p>F. In the case of a mixture, would disclosure of the chemical name disclose a portion of the mixture comprised by any of the chemical substances in the mixture?</p> <p><i>(If you answered yes, please explain what information would be released.)</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Click or tap here to enter text.

**Additional comments:**

Click or tap here to enter text.

### III.SUBSTANTIATION CERTIFICATION

**Do you wish to claim this substantiation as CBI?**

☒ Yes

*TSCA section 14(c) requires that persons asserting a CBI claim shall certify to the validity of the claims. By the marking of a yes, you are certifying to the truth of the below statements.*

☐ No

I hereby certify to the best of my knowledge and belief that all information entered on this form is complete and accurate.

I further certify that, pursuant to 15 U.S.C. § 2613(c), for all claims for confidentiality made with this submission, all information submitted to substantiate such claims is true and correct, and that it is true and correct that

- (i) My company has taken reasonable measures to protect the confidentiality of the information;
- (ii) I have determined that the information is not required to be disclosed or otherwise made available to the public under any other Federal law;
- (iii) I have a reasonable basis to conclude that disclosure of the information is likely to cause substantial harm to the competitive position of my company; and
- (iv) I have a reasonable basis to believe that the information is not readily discoverable through reverse engineering.

Any knowing and willful misrepresentation is subject to criminal penalty pursuant to 18 U.S.C. § 1001.

\* EPA believes this information element to be exempt from substantiation for this activity.

\*\* EPA believes this information element to be exempt from substantiation for this activity (this exemption only applies prior to the date on which a chemical substance is first offered for commercial distribution).

\*\*\* EPA believes Spectra claims to be exempt from substantiation for this activity (this exemption only applies prior to the date on which a chemical substance is first offered for commercial distribution).

<sup>1</sup> **“TSCA Section 14(c)(2) states:**

Information generally not subject to substantiation requirements

Subject to subsection (f), the following information shall not be subject to substantiation requirements under paragraph (3):

(A) Specific information describing the processes used in manufacture or processing of a chemical substance, mixture, or article.

(B) Marketing and sales information.

(C) Information identifying a supplier or customer.

(D) In the case of a mixture, details of the full composition of the mixture and the respective percentages of constituents.

(E) Specific information regarding the use, function, or application of a chemical substance or mixture in a process, mixture, or article.

(F) Specific production or import volumes of the manufacturer or processor.

(G) Prior to the date on which a chemical substance is first offered for commercial distribution, the specific chemical identity of the chemical substance, including the chemical name, molecular formula, Chemical Abstracts Service number, and other

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information that would identify the specific chemical substance, if the specific chemical identity was claimed as confidential at the time it was submitted in a notice under section 2604 of this title.

<sup>2</sup> **“Trade secret”** is defined as “a secret, commercially valuable plan, formula, process, or device that is used for the making, preparing, compounding, or processing of trade commodities and that can be said to be the end product of either innovation or substantial effort.” Public Citizen Health Research Group v. FDA, 704 F.2d 1280, 1288 (D.C. Cir. 1983).

<sup>3</sup> **“TSCA section 14(e)(1)(B) States”**

(B) in the case of information other than information described in subsection (c)(2)—

(i) for a period of 10 years from the date on which the person asserts the claim with respect to the information submitted to the Administrator; or

(ii) if applicable before the expiration of such 10-year period, until such time as—

(I) the person that asserted the claim notifies the Administrator that the person is withdrawing the claim, in which case the information shall not be protected from disclosure under this section; or

(II) the Administrator becomes aware that the information does not qualify for protection from disclosure under this section, in which case the Administrator shall take any actions required under subsections (f) and (g).

<sup>4</sup> Information with withdrawn CBI claims may be made available to the public without further notice.